

## ABSTRACT OF THE DISCLOSURE

The present invention relates to a method for finding the best match between buyers (or buyers consortiums) and sellers (or sellers consortiums), by a set of software intermediaries, and for using the information developed in those matches to define monetary and performance commitments between parties, and to create fair distribution of the benefits of the agreement among the respective participants. The system solves three related optimization problems concurrently: the optimal aggregation of individual buyers into buyers consortiums; the optimal aggregation of individual sellers into sellers consortiums, and the optimal match of requirements, posed by the buyers consortium, to offers, posed by the sellers consortium.